BOROUGH OF SCARBOROUGH

A N N U A L R E P O R T

of

the Medical Officer of Health

for the year 1957

by

W. G. EVANS

M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., D.P.H.

including

ANNUAL REPORT

of the Chief Public Health Inspector

JOHN PESTER

M.A.P.H.I.

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BOROUGH OF SCARBOROUGH

PUBLIC HEALTH DEPARTMENT

Staff

Medical Officer of Health) District Medical Officer) (No. 10 District of the) North Riding County) Council) and Divisional) School Medical Officer)	DR. W.G. EVANS, M.A., M.B., B.Chir., M.R.C.S., L.R.C.P., D.P.H.
Deputy Medical Officer of Health) Assistant School Medical Officer)	ELIZABETH R. CAMERON, M.B., Ch.B., D.P.H.
Chief Public Health and Meat and Food Inspector)	JOHN PESTER, M.A.P.H.I.
Public Health and Meat and Food Inspectors)	G. TRINDER, Cert. S.I.B.
)	C. HARRISON, M.A.P.H.I.
)	H. TRINICK, M.A.P.H.I.
)	A. MILNER, Cert.S.I.B.
)	R. BURFIELD, Cert.S.I.B. (from 1st September, 1957)
Superintendent, Medical Baths and Public Slipper Baths)	T.W. WILD, M.C.S.P.
Chief Clerk	WILLIAM C. TOFT.

In the Borough, the following Committees are concerned with matters of Public Health, viz:-

The Health Committee.

The Housing Committee.

The Local Area Health Sub-Committee for No. 10 District of the North Riding County Council. On this Committee Scarborough Borough Council is represented by five of the Council's Members.

Health Department,
Town Hall,
Scarborough.

September, 1958.

Mr. Mayor, Chairman and Gentlemen,

I have the honour to present my Annual Report for the year 1957.

I have had regularly during the last few years to draw your attention to the decrease in population and I have to do so again. As you will see there was an excess of deaths over births of 74 and 193 persons emigrated. However, I am glad to be able to add three points which tend to lighten the picture a little. The number of marriages, 388, is the highest since 1951 and, related to this, the birth rate shows a definite rise though still below the national average. Thirdly, the indications in this department so far this year are that the number of emigrants is falling off.

The Chief Public Health Inspector in his report refers to the coming into force of the Clean Air Act and reminds us that 50% of the atmospheric pollution is due to domestic smoke. Statistically it seems clear that atmospheric pollution is second only to cigarette smoke in importance as a cause of cancer of the lung. Living in the bright cleanliness of Scarborough, it is easy to forget that we too are vulnerable to such malign influences. I have therefore thought it salutary to include in the body of my report a table showing the incidence of lung cancer in Scarborough during the last 8 years. I have also added the figures for all other malignant diseases, to illustrate the point made in specialist reports on this subject, that while lung cancer is increasing, the incidence of other cancers tends to fall.

I referred last year to the continued high incidence of tuberculosis. This year I am glad to draw your attention to a sharp fall. Whether this is a major advance or just a chance fluctation, only time can tell. In the

meantime, our search for cases continues through the Miniature Mass Radiography Unit, which I am glad to say is well used in the town and surrounding district. This is not to say that we are satisfied with the number of attendances. It is to be hoped that more and more people will come to appreciate the benefits to themselves and to the community that come from these regular checks.

My thanks are due to Mr. Toft and to Mr. Pester and their colleagues and many other officers of the Corporation for their help and co-operation.

I am,
Mr. Mayor and Gentlemen,
Your obedient servant,

W.G. **EVANS.**

M.A., M.B., B.Chir., M.R.C.S.,
L.R.C.P., D.P.H.

Medical Officer of Health.

BOROUGH OF SCARBOROUGH

ANNUAL REPORT FOR THE YEAR ENDED 31ST DECEMBER, 1957

Statistics and Social Conditions

The following is a summary of the statistics and social conditions:-

Marriages	388
Marriage rate per 1,000 population	8.9
Marriage rate, England and Wales	15.4
Number of inhabited houses, including flats (December, 1957)	13,473
Number of uninhabited houses at 31st December, 1957	390
Rateable value at 31st December, 1957	£828,682
Estimated sum represented by a penny rate 1956/57	£3,171
Number of new houses and flats built by the Corporation	129
Number of new houses and flats erected privately	32
Number of private flats (by conversion)	24
Hours of bright sunshine	1,488.3

(On 12th and 13th June, 1957, 15.9 hours bright sunshine were recorded each day)

Total rainfall	24.29 ins.
Prevailing wind	West

UNEMPLOYMENT:-

Maximum total on the Unemployment Register	Male	1,048
	Female	354

(This was on 14th January, 1957)

Vital Statistics.

Year	Population	Births Live and Still	Live Birth Rate per 1,000 pop. adjusted	Deaths	Rate per 1,000 pop. adjusted	Infant Deaths	Rate per 1,000 Live Births	Still-births	Rate per 1,000 Total Births
1957	43,510	583	15.0	657	12.2	14	24.7	18	30.8
1956	43,920	542	13.9	669	12.33	13	24.5	13	23.98
1955	44,060	551	14.3	648	11.17	15	27.8	12	21.77
1954	44,130	555	14.4	630	10.8	16	29.4	11	19.8
England and Wales			16.1	-	11.5	-	23.0	-	22.4

Births.

TOTAL BIRTHS

	Live		Still		Total
	Male	Female	Male	Female	
Legitimate	278	242	8	9	537
Illegitimate	24	21	1	-	46
	302	263	9	9	583

Live Birth Rate (adjusted) per 1,000 estimated population:	15.0
Live Birth Rate per 1,000 England and Wales:	16.1
Still-birth Rate per 1,000 Live and Still-births:	30.8
Still-birth Rate, England and Wales:	22.4

Eight hundred and seventy-six births took place in the Borough in 1957 (compared with 821 in 1956). Of the 876 births, 583 related to Borough residents (compared with 542 in 1956).

Of the total births to residents (583), 140 were born at home, 415 in hospital and 19 in private nursing homes. 9 were born away from Scarborough.

The figures show that 71% of births to residents took place in hospital.

Deaths.

	Male	Female	Total
Deaths from all causes	294	363	657
Death rate per 1,000 population ...	...	...	15.1
Death rate adjusted ...	...	...	12.2
Death rate (England and Wales) ...	...	...	11.5

Causes of Death.

(See Table Overleaf)

Causes of Death	Males - Age Groups								
	0 - 1	1 - 4	5 - 14	15 - 24	25 - 44	45 - 64	65 - 74	75 - 84	85 - 90
Tuberculosis respiratory	-	-	-	-	1	-	-	-	-
Syphilitic Disease	-	-	-	-	-	-	3	-	-
Gastritis and Enteritis	-	-	-	-	-	-	-	-	-
Malignant neoplasm stomach	-	-	-	-	-	1	4	-	-
" " lung bronchus	-	-	-	-	3	10	5	3	-
" " breast	-	-	-	-	-	-	-	-	-
" " uterus	-	-	-	-	-	-	-	-	-
Other malignant and lymphatic neoplasms	-	-	-	-	-	7	11	4	1
Leukaemia, Aleukaemia	-	-	-	-	-	-	-	1	-
Diabetes	-	-	-	-	-	1	1	-	-
Vascular lesions of nervous systems	-	-	-	-	2	3	10	19	10
Coronary disease, angina	-	-	-	-	5	15	23	15	5
Hypertension with heart disease	-	-	-	-	-	5	-	-	-
Other heart diseases	-	-	-	-	-	12	9	19	3
Other circulatory diseases	-	-	-	-	-	2	3	3	-
Influenza	-	-	-	-	-	2	2	1	-
Pneumonia	3	-	-	-	1	2	1	2	-
Bronchitis	-	-	-	-	-	4	7	10	2
Other diseases of respiratory system	-	-	-	-	-	1	-	1	-
Ulcer of stomach and duodenum	-	-	-	-	-	2	3	1	-
Nephritis and Nephrosis	-	-	-	-	-	1	1	-	1
Hyperplasia of prostate	-	-	-	-	-	-	1	3	1
Other defined and ill-defined diseases	5	-	-	1	2	1	1	1	1
Motor Accidents	-	-	-	-	1	-	1	-	-
All accidents (other than motor)	-	-	1	-	-	1	2	1	-
Suicide	-	-	-	-	-	1	1	-	-
TOTAL	8	-	1	1	15	71	89	84	24

		Females - Age Groups										
90	Total	0-1	1-4	5-14	15-24	25-44	45-64	65-74	75-84	85-90	90	Total
-	1	-	-	-	-	1	-	-	1	-	-	2
-	3	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	1	1	-	-	2
-	5	-	-	-	-	1	3	-	3	-	1	8
-	21	-	-	-	-	-	4	1	1	-	1	7
-	-	-	-	-	-	-	5	3	4	-	-	12
-	-	-	-	-	-	-	-	1	1	-	-	2
-	23	-	-	-	-	1	9	6	5	-	-	21
-	1	-	-	-	-	1	-	-	-	-	-	1
-	2	-	-	-	-	-	-	-	-	1	-	1
-	44	-	-	-	-	-	5	23	17	12	1	58
-	63	-	-	-	-	-	17	15	25	5	-	62
-	5	-	-	-	-	-	4	2	3	-	-	9
1	44	-	1	-	-	1	6	18	50	24	10	110
-	8	-	-	-	-	-	3	3	-	-	-	6
-	5	-	-	-	1	-	2	2	2	-	-	7
-	9	1	-	-	-	-	1	3	4	2	1	11
-	23	-	-	-	-	-	2	3	-	-	-	5
-	2	-	-	-	-	-	1	-	-	-	-	1
-	6	-	-	-	-	-	1	1	-	-	-	2
-	3	-	-	-	-	-	2	1	2	1	-	6
-	5	-	-	-	-	-	-	-	-	-	-	-
-	12	4	-	1	-	1	3	4	2	3	-	16
-	2	-	-	-	1	-	-	-	-	-	-	1
-	5	1	-	1	-	-	1	-	-	3	2	8
-	2	-	-	-	-	-	2	-	-	1	-	3
1	294	6	1	2	2	6	71	87	121	52	16	363

Inquests.

The following table shows the causes of death and the age groups of the 20 residents and 2 visitors upon whom inquests were held.

	0-1	1-4	5-14	15-24	25-44	45-64	65+	Total
Suicide	-	-	-	-	-	1	2	3
Falls at home	-	-	-	-	-	-	7	7
Road Traffic Accidents	-	-	-	-	-	-	1	1
Drowning	-	-	1	-	-	-	-	1
Others	1	-	1	-	-	3	5	10
TOTAL	1	-	2	-	-	4	15	22

The Borough Coroner held 37 inquests during the year relating to deaths of 20 residents, 2 visitors and 15 non-residents. 62 deaths were also certified by the Coroner, after post-mortem, without inquest.

Falls at home accounted for 7 of the deaths, against 5 during 1956.

Infantile Mortality.

Fourteen infants (as against 13 in 1956) died before reaching their first birthday; of these 12 did not survive the first month of life.

The sub-joined table gives details of infant deaths during 1957:

Cause	Under one month	One month to one year	Total
Broncho-pneumonia	3	1	4
Prematurity	7	-	7
Other causes	2	1	3
	12	2	14

Maternal Mortality.

No deaths occurred amongst residents ascribed to pregnancy or childbirth.

Infectious Diseases.

Notifications of infectious diseases received during 1957 and the previous three years are as follows:-

	1957	1956	1955	1954
Scarlet Fever	15	18	22	48
Whooping Cough	50	121	25	92
Measles	271	69	845	14
Dysentery	-	27	1	1
Erysipelas	1	3	6	13
Meningoccocal Infection	-	1	2	-
Puerperal Pyrexia	9	8	7	2
Pneumonia	18	14	23	29
Food Poisoning	15	3	3	17
Pulmonary Tuberculosis	9	20	24	17
Non-pulmonary Tuberculosis	-	2	3	4
Paratyphoid	-	-	3	-
Infantile Paralysis	*1	-	4	-
Opthalmia Neonatorum	-	-	¢ 2	-
Malaria	-	-	-	1

* These two notifications concerned babies born to mothers in hospital in Scarborough, who were not residents of the town.

¢ Visitor to the town.

Tuberculosis.

There were three deaths from tuberculosis during the year and nine new cases were notified.

The Mass Radiography Unit paid its annual visit in the Autumn and the following table, supplied by the Medical Director, shows the results of its work. The Unit was located at The Green Howards' Artillery Barracks, St. John's Road, Scarborough, during October, 1957.

SUMMARY

Group	Attendances		Referred to Chest Clinic			Other abnormalities	No significant abnormality
	Miniature Films	Large Films	Active P.P.P.T.	Inactive P.P.P.T.	Bronchial Carcinoma		
Mental Hospital patients and staff	8	-	-	-	-	-	-
Hospital staff:							
Nursing	55	1	-	-	-	1	-
Other	103	1	-	-	-	1	-
Local Government staff:							
Teachers	92	1	-	1	-	-	-
Police	20	1	-	-	-	-	1
Others	549	6	1	-	-	-	5
Nationalised Industries	21	-	-	-	-	-	-
Training Coll. Entrants	27	-	-	-	-	-	-
Industrial	571	3	-	2	-	1	-
Public Sessions	915	16	1	4	1	1	9
TOTALS	2,361	29	2	7	1	4	15

Incidence of Lung Cancer in Scarborough during last eight years.

Year	Cancer of lung		All other cancers		Total
	Male	Female	Male	Female	
1957	21	7	29	42	99
1956	19	4	36	58	117
1955	13	2	33	56	104
1954	12	3	41	48	104
1953	8	6	50	62	126
1952	8	5	29	61	103
1951	15	2	30	62	109
1950	7	1	33	48	89

Food Poisoning.

Of the 5 cases of Food Poisoning notified 2 related to visitors. In no instances was the agent causing the disease identified.

Immunisation and Vaccination.

(a) Smallpox.

Records relating to the vaccination of 210 residents and the re-vaccination of 6 residents were received during the year. Of the 210 primary vaccinations, 176 related to children under 1 year of age.

(b) Poliomyelitis.

During the year vaccination against poliomyelitis was offered to children born in the years 1947 to 1956, and 962 children were registered. This second registration extended the former age groups 1947-1954 to 1947-1956. 2,595 children in No. 10 area completed vaccination during the year 1957, made up as follows:-

Pre-school children - 709. School children - 1,886.

(c) **Diphtheria, whooping cough, tetanus.**

24 children in the Borough were immunised against diphtheria, 196 were immunised against diphtheria/whooping cough/tetanus. In addition, 131 children received booster doses against diphtheria.

Miscellaneous.

(1) Medical and Slipper Baths - Report by the Superintendent.

Medical Baths.

Physiotherapy.

There are three qualified physiotherapists on the staff. The number of patients referred for physiotherapy by the local medical practitioners was sufficient to maintain a steady pressure of work during the out-of-season months, but during the summer the influx of visitors caused the staff to be pressed to the limit. The majority of treatments given were administered for various manifestations of the Rheumatic group of diseases, though patients were also treated for such diverse conditions as recent injuries, skin conditions, nerve lesions, etc.

The treatment of joint lesions by manipulation and traction has gained a remarkable popularity in recent years and all members of the staff have attended post-graduate courses and demonstrations to keep abreast with modern practice.

The Artificial Sunlight Clinics for the treatment of infants and children referred by the Education and Child Welfare Authorities took place twice weekly.

Turkish Baths.

There was a regular weekly clientele during the winter months including several attenders from the outlying districts. In the summer season the suite worked to capacity.

Slipper Baths.

The monthly attendance was in the region of four to five hundred during the out-of-season period, and reached a peak of just short of two thousand in August. The total yearly

attendance has shewn a successive falling away for some time now as the older bath-less houses in the Castle Ward are demolished and modern properties erected.

By a well-established convention common to the rest of England, Friday and Saturday are the days on which most baths are taken.

Summary of Principal Cases Treated

Diseases of Rheumatic Aetiology	1,099
Diseases of Respiratory System	23
Diseases of Circulatory System	41
Diseases of Cerebro-Spinal System	15
Herniation of Nucleus Pulposus	78
Soft Tissue Injuries	76
Fractures and other Bony Injuries	20
Skin conditions	5

Summary of Treatments Given

Electro-Therapy	2,721
Ultra Short Wave Diathermy	2,106
Massage and Exercises	2,014
Manipulation and Traction	121
Wax Baths	150
Hydrotherapy	114
Miscellaneous	10
Ultra Violet Ray	801

Yearly Figures of Attendance

Physiotherapy	5,855
Turkish Baths	2,234
Clinic U.V.R.	450
Slipper Baths	9,996

Total Income £3,504. 6. 5.

(2) Water Supplies.

The Borough and Water Engineer kindly prepared the following account for inclusion in this Annual Report:-

Pumping Records

Water supplied (million gallons)	from Irton	from Cayton Bay	Total
During year ended 31st December, 1956	706½	198½	905
During year ended 31st December, 1957	695½	192½	888
Average annual total over 10 year period 1947/56			928

It is significant that, although the annual total quantity supplied is showing a tendency to fall, the quantity supplied over the three summer months of June, July and August is being maintained. (296 m.g. in 1957 compared with an average of 297 m.g. over the previous ten years.)

Bacteriological Tests.

A total of 403 tests have been made on samples from the distribution system (mostly from consumers' taps) for bacteriological examination, including 15 in which re-tests were considered desirable, but in no instance was there any indication of the water supplied being other than entirely wholesome.

A total of 18 tests have also been made on samples of the raw water at Cayton, Osgodby and Irton Works and from the filters at Irton. The raw water at Cayton continues to be of such a high standard of purity that filtration is unnecessary.

Scarborough water does not show plumbo solvent properties.

Mains laid.

A total of 670 yards of 3" and 4" diameter mains have been laid, approximately half the total being to serve new housing development and half for replacement of old mains.

New connections.

Connections have been provided to a total of 189 new houses and flats. 58 properties have been disconnected.

(3) Housing.

129 new houses and flats were built in the Borough by the Corporation during 1957 and 32 new houses and flats were erected privately. In addition 24 private flats were erected by conversion of property.

(4) Laboratory Facilities.

The Public Health Laboratory Service at Hull provides laboratory services for the Health Department, submitting reports on pathological specimens, samples of milk, ice-cream and water.

(5) Byelaws.

The following new Byelaws were made by the Borough Council during the year, viz: under the Water Act, 1945, amending byelaws of 1955 - Protection of Water Fittings from effects of frost, coming into operation on the 19th March, 1957. A byelaw coming into operation on the 1st July, 1957, made under Section 249 of the Local Government Act, 1933, prohibiting the discharge of fireworks and similar articles in places of public entertainment, and a Byelaw for Good Rule and Government in respect of violent behaviour, etc., on school premises made under the Local Government Act, 1933, which came into operation on the 1st November, 1957.

(6) National Assistance Act, 1948. Section 47.

It was not necessary during the year to implement this section, which relates to the compulsory removal to hospital or other institution of persons not receiving proper care and attention in their own homes.

(7) National Assistance Act, 1948. Section 50.

Arrangements were made under this section on behalf of

the Borough Council for the burial of two elderly persons for whom no other arrangements had been made for burial by other persons.

National Health Service Act, 1946.

The following services are provided in the Borough by the North Riding of Yorkshire County Council as the Local Health Authority, viz:

Name of Clinic	Place where held	Day and Time of Meeting
ANTE-NATAL CLINICS		
Scarborough	Roscoe Rooms, Roscoe Street	Tuesday & Friday weekly 1.30 p.m.
Scarborough	51 Westway, Eastfield	2nd and 4th Tuesday in each month. 2 p.m.
POST-NATAL CLINIC		
Scarborough	Roscoe Rooms, Roscoe Street	Tuesday & Friday weekly 1.30 p.m.
INFANT WELFARE CENTRES		
Scarborough	Roscoe Rooms, Roscoe Street	Monday & Thursday weekly 1.30 p.m.
Scarborough	51 Westway, Eastfield	Monday & Wednesday weekly 2 p.m.
ORTHOPAEDIC CLINIC		
Scarborough	The Old Hospital, Friarsway	Twice monthly by appointment.
DIPHTHERIA IMMUNISATION CLINICS		
Scarborough	Roscoe Rooms, Roscoe Street	2nd and 4th Tuesday in each month. 10 a.m.
Scarborough	51 Westway, Eastfield	1st Tuesday in each month. 10.30 a.m.
TODDLERS' CLINIC.		
Scarborough	Roscoe Rooms, Roscoe Street	Thursday weekly, 9.30 a.m.
	SCHOOL HEALTH SERVICE	
MINOR AILMENTS CLINICS		
Scarborough	Old Hospital, Friarsway	Monday to Saturday 9 a.m. to 12 noon.
Scarborough	Northstead School	Wednesday weekly. 9.30 a.m. to 12 noon.
Scarborough	Hinderwell School, Seamer Road	Thursday weekly, 9.30 a.m. to 12 noon.

Name of Clinic	Place where held	Day and Time of Meeting
MINOR AILMENTS CLINICS, contd.		
Scarborough	51 Westway, Eastfield	Wednesday morning, weekly.
DOCTORS' SPECIAL SESSIONS		
Scarborough	Old Hospital, Friarsway	Monday weekly, 9 a.m. to 12 noon, and Saturday weekly, 9 a.m. to 12 noon.
OPHTHALMIC CLINIC		
Scarborough	Old Hospital, Friarsway	Monday weekly by appointment only. 10.30 a.m.
CHILD GUIDANCE CLINIC		
Scarborough	Old Hospital, Friarsway	Each alternate Wednesday by appointment only. 2 p.m.
DENTAL CLINICS		
Scarborough	Old Hospital, Friarsway	Monday to Saturday by appointment only.
SPEECH CLINIC		
Scarborough	Old Hospital, Friarsway	By appointment.
REMEDIAL EXERCISES		
Scarborough	Old Hospital, Friarsway	Tuesday & Friday weekly. 9 a.m. to 12 noon.
EAR, NOSE AND THROAT CLINIC		
Scarborough	Old Hospital, Friarsway	First Wednesday of each month. 10 a.m.

(N.B. Bank Holidays excepted in all cases)

Domiciliary Midwifery and Home Nursing.

Seven nurses were employed full-time and three part-time in the Borough by the County Council on Home Nursing duties. In addition 2 whole-time midwives, 1 generalised duties nurse (i.e. midwifery and home nursing, health visiting and school nurse) and 1 combined duties (i.e. midwifery and home nursing) were employed.

Health Visiting.

Six whole-time Health Visitors/School Nurses operate in the Borough, their duties including visiting children

from the age of 2 weeks until 15 years of age. A steadily increasing proportion of their time is spent in the care of the aged. In addition they attend the various clinics, follow-up notifications of infectious diseases, investigate social conditions relating to applications for service of domestic helpers, boarding-out of children or adoption of children. A nurse is also employed part-time for the domiciliary visiting of diabetic patients.

There is also a specially experienced Health Visitor provided for the visitation at home of tuberculosis patients. This Health Visitor also undertakes duty at the Chest Clinics.

Domestic Help Service.

Domestic Helpers are available (on application supported by medical evidence) to render temporary assistance in the homes of applicants in the following categories, viz:-

(i) Women having domiciliary confinement
(ii) Persons requiring help because of sickness or pregnancy of housewife or her absence in hospital
(iii) Other cases of acute illness, particularly of children, where there is a number of healthy children to be cared for, and
(iv) Aged persons or chronic sick persons who are unable to obtain admission to hospital.

Ambulance Service.

An Ambulance Depot (open day and night) is maintained at Dean Road, Scarborough, where Ambulance Services facilities are available on request by Hospital Medical Staff, General Practitioners, Police Officers and, in cases of sudden emergency, members of the public.

After-care of Tuberculosis and other Illnesses.

By arrangement, the Scarborough and District Council of Social Service provides, on behalf of the North Riding County Council, after-care facilities for tuberculosis patients as well also for those suffering from other illnesses.

Additional bedding, clothing, etc., can be provided and loan of sick room equipment obtained, on recommendations by doctors and/or District Nurses.

Blood Transfusion Sessions.

Roscoe Rooms Clinic is made available for use by the National Blood Transfusion Service during the year. During 1957 sessions were held on 26 days.

Family Planning Association.

The Scarborough Family Planning Clinic hold sessions at Roscoe Clinic on Thursday evening each week (except August). The Clinic premises are made available to this Association by the County Council.

Annual Report of the Chief Public Health Inspector for the year 1957.

I have pleasure in submitting my third Annual Report on the work of the Health Inspectors.

Mr. George Trinder, who had been an Inspector in the Department since 1928, died in September shortly after retiring and after a long illness. Mr. Trinder had been a valued and conscientious officer who had contributed greatly to the improvement of Public Health in the Borough, and his passing was deeply felt by his colleagues and other friends.

In September Mr. R. Burfield of Pudsey commenced duties as a district Inspector, thus bringing up the Department to full establishment.

The general work has proceeded on much the same lines as in the previous year. Inevitably, new legislation has been directed for our attention. The Clean Air Act of 1956 became operative bringing a host of new provisions to clear the air of pollution, including for the first time the tackling of domestic smoke which is judged throughout the country to account for some 50% of the whole problem. No Council can be apathetic to this legislation, and I shall work to improve the atmospheric conditions in Scarborough which I feel could and should be improved in a resort of our standing.

The Diseases of Animals (Waste Foods) Order, 1957, placed certain duties on pig and poultry keepers who use waste foods for feeding purposes, with the obligation that an approved type of plant must be used for the boiling of such foods. The licensing of these facilities was transferred under the Order from the Ministry of Agriculture to Local Authorities, and the Health Inspectors surveyed the allotments &c. in the Borough, 51 licences being subsequently granted to applicants.

The condition of the Slaughterhouse at Wrea Lane continued to be a constant source of anxiety - old buildings where modern methods cannot satisfactorily be used. The Ministry of Agriculture, Fisheries and Food circulated draft Regulations relating to slaughterhouses, setting out recommended minimum standards of construction, layout and equipment. Enabling legislation was envisaged but, in the meantime, the Ministry desired that Local Authorities and the Meat Traders should have an opportunity of considering the standards. I submitted a full report to the Health Committee showing how far the existing conditions fell short of the Ministry's proposed standard.

During the year the Rent Act, 1957, became law, seeking to improve housing conditions and to raise rents to a level which allowed owners the means to do repairs and to obtain a fair income from the houses. We shall doubtless have to wait for a time to judge whether these desirable aims are achieved. During the year some progress was made in regard to the houses in which the Local Authority were called upon to mediate. It is to be hoped that many houses were improved as a result of negotiation between tenant and owner - we have no direct information in these cases. One feature of the new Rent Act, small but important, is the point that external painting of houses can be called for, and, in my opinion, good external decorations of properties in Scarborough are very important, giving <u>one</u> of the necessary qualifications to any lovely seaside resort.

SUMMARY OF INSPECTIONS MADE OF VARIOUS PREMISES DURING 1957

	Number of visits
Accumulations	63
Animals and Birds	34
Cinemas, etc.	15
Common Lodging Houses	35
Drains (Choked or Defective)	312
Dirty or verminous premises	63
Factories (with Mechanical Power)	287
" (without Mechanical Power)	56
Houses (for repair and other unsatisfactory conditions under Health and Housing legislation)	1,027
Infectious Disease	21
Interviews with owners, builders, etc.	732
Merchandise Marks Act	123
Miscellaneous matters	279
Offensive Smells	156
Offensive Trades	116
Overcrowding	14
Pavings - Yards and Passages	318
Piggeries and Stables	47
Shipping and Fish Piers	43
Shops Act (sanitary arrangements)	159
Smoke observations	44
Boiler-house &c. inspections	29
Tents, vans and sheds	9
Vermin - Rats and Mice (special investigations)	240
" - Other than Rats and Mice	55
Number of general complaints received and investigated	276
Number of drains tested	103
" " disinfections after infectious disease	24 premises
" " disinfestations of verminous premises	67 "

NOTICES SERVED

Informal Notices (Public Health Act, 1936)	240
" " (Factories Act, 1937)	5

NOTICES SERVED - contd.	Number of visits
Informal Notices (Prevention of Damage by Pests Act, 1949)	24
Informal Notices (Shops Act, 1950, Section 38)	1
Statutory Notices (Public Health Act, 1936)	30

SUMMARY OF WORK DONE TO HOUSE PROPERTY AFTER THE SERVICE OF NOTICES UNDER PUBLIC HEALTH ACT OR PREVENTION OF DAMAGE BY PESTS ACT.

Accumulations removed	14
Dirty premises cleansed	2
Doors or windows repaired or renewed	7
Drains cleansed, repaired or renewed	56
Eavesgutters or rainwater pipes cleansed, repaired or renewed	37
Fireplaces or chimneys repaired or renewed	10
House floors repaired	10
" roofs repaired	17
" walls (external) pointed or rendered	12
" walls (internal) or ceilings re-plastered or repaired	49
Miscellaneous repairs or improvements	41
Nuisance from keeping of animals or birds abated	2
Premises rat-proofed	16
Sinks provided or renewed	3
Soil or waste pipes cleansed, repaired or renewed	8
W.C. compartments or fittings repaired or renewed	12
Yards or passages cleansed	4
" " " re-paved	97

ACTION IN CONNECTION WITH UNSATISFACTORY HOUSING CONDITIONS

1,027 visits were made under the Housing Acts to houses in proposed Clearance Areas, individually unfit houses (for repair, closure or demolition) and where application had been made for Improvement Grants.

The following Clearance Area was represented to the Council and the Order submitted to the Ministry of Housing and Local Government:-

Wrea Lane - 12 houses.

In addition two Areas owned by the Council were inspected and the houses certified as unfit for habitation. These comprised a terrace of 5 houses in William Street adjacent to the Regent Street and James Place Clearance Areas, and also 13 houses in the Friar's Way district. The Ministry later confirmed this action.

During the year the Ministry also confirmed the St. Thomas Walk Compulsory Purchase Order and the Regent Street and James Place Compulsory Purchase Order, a Public Inquiry being held in March in respect of the two latter Areas.

Twelve houses were inspected in connection with applications for Improvement Grants.

The following is a summary of work done during the year:-

Houses considered to be unfit for habitation.

No. of houses -

(a) represented in Clearance Areas or being Council-owned properties certified as unfit	33
(b) in respect of which individual Demolition or Closing Orders were made or undertakings to close were accepted	22
(c) repaired under Section 16, Housing Act, 1967	4
(d) vacated as a result of outstanding Orders or undertakings	98

Houses considered to be repairable.

No. of houses -

(a) made fit by informal action	54
(b) " " " statutory "	6

RENT ACT, 1957.

No. of -

(a) applications for Certificates of Disrepair received from tenants	25
(b) notices (Form J) served on owners	24
(c) undertakings to do work (Form K) received from owners	10

(d) Certificates of Disrepair (Form L) served on owners 11

(e) houses where work completed under Act 4

FOOD HYGIENE

During the year considerable attention was given to the inspection of hotels and boarding houses in addition to the routine visits to all food establishments. The general structural standard of kitchens and food rooms in hotels and similar premises has been found to be satisfactory and in many instances no works were required to be carried out under the Food Hygiene Regulations. The difficulties in some of these premises of training of staffs in food hygiene present a problem owing to the high percentage of seasonal appointments.

Many food premises in the Borough have been modernised during the year and up-to-date equipment provided under the Regulations.

It was not found necessary to take any statutory action.

SUMMARY OF DIFFERENT TYPES OF FOOD PREMISES IN THE BOROUGH

		Number
	Bakehouses	39
	Beer Bottling	3
	Cafes, Restaurants and Canteens	136
	Confectionery	55
(R)	Dairies, other than Pasteurising Plants	4
(R)	Pasteurising Plants	3
(R)	Milkshops	74
	Fried Fish Shops	41
	Wet Fish and Shellfish Shops (including Poultry)	42
(R)	Fish Curer	1
(R)	Fruit and Vegetable Bottling	1
	Greengrocers - retailers	65
	" - wholesalers	6
	Grocers - retailers	146
	" - wholesalers	4

(R)	Ice Cream Manufacturers	7
(R)	" " Shops (retail sale)	174
(R)	" " Depots (wholesale)	2
	Licensed Premises	104
	Meat Shops (retail sale only)	13
(R)	" " (registered for manufactur of sausages and/or cooked meats)	58
	Soft Drinks Manufacturer	2
	Sweets and Rock Makers	10
	Sweets Shops (retail sale)	101
	Tripe Boiling Premises and Shop (retail sale)	2
	Miscellaneous (Candy Floss, Waffles, &c.)	3

(R) - Registered Premises.

WORK DONE IN CONNECTION WITH FOOD PREMISES

(a) Number of inspections made:-

Bakehouses	116
Cafes, Restaurants and Canteens	391
Dairies and Milkshops	136
Fried Fish Shops	80
Wet Fish and Shell Fish Shops	192
Grocers	268
Hotels and Boarding Houses	405
Ice Cream Premises	244
Licensed Premises	123
Meat Preparation Premises and Shops	352
Other Food Premises	647

(b) Number of notices served and complied with:-

The Food Hygiene Regulations: 421 notices served.
241 " complied with.

SUPERVISION OF THE MILK SUPPLY

Number of Pasteurising Plants	3
" " other Registered Dairies	4
" " Milkshops (for sale of graded bottled milk)	74
" " inspections made of above premises	136

Number of notices served under the Milk and Dairies Regulations, 1949 1

Number of notices complied with (including notice served in 1956) 2

SAMPLES OF MILK TAKEN FOR BACTERIOLOGICAL AND OTHER EXAMINATIONS

No. of samples taken	Designation of Milk	Results
41	Tuberculin Tested	Satisfied Methylene Blue Test 38
		Failed Methylene Blue Test 3
78	Pasteurised	Satisfied Prescribed Tests 77
		Failed Phosphatase Test 1
4	Sterilised	Satisfied Prescribed Test 4

Samples of milk were submitted for Biological examination, with the following results:-

32 samples were negative for Tuberculosis.
29 samples were negative for Brucella Abortus.

Appropriate action was taken in all cases where examination revealed any deficiency.

FOOD AND DRUGS SAMPLING

The following samples were taken and submitted to the Public Analyst for analysis under the Food and Drugs Act, 1955, and the Food Orders.

Article	Number reported as		Total
	Genuine	Not Genuine	
Cream	2	-	2
Dripping	1	-	1
Ice Cream	14	-	14
Malt Vinegar	1	-	1
Milk	99	5	104
Potted Meat	1	3	4
Self-Raising Flour	2	-	2
Soft Drinks	2	-	2
TOTALS	122	8	130

Four of the unsatisfactory results in connection with the milk samples were for slight fat deficiencies, the remaining sample being slightly deficient in solids-not-fat.

The reports against the samples of potted meat were that they should have been designated as "Meat Paste".

All the contraventions were dealt with appropriately.

The under-mentioned foods were submitted to the Public Health Laboratory Service for examination for food poisoning organisms:-

Sausages	-	50 samples.
Black Pudding	-	8 "
Brawn	-	9 "
Potted Meat	-	4 "
Mussels	-	5 "

One sample of sausages was found to be infected with an organism, and appropriate action was taken with the manufacturer concerned, further samples being taken and found to be clear of infection.

SUPERVISION OF THE MANUFACTURE AND SALE OF ICE CREAM

Seven premises are registered for the manufacture of ice cream. 244 inspections were made of these and retail

shop premises, and samples were taken to ensure compliance with Ministry standards.

Chemical standard (fat, milk solids and sugar)

Number of samples taken and complying with standard ... 14

Bacteriological standard (Methylene Blue Test)

Number of samples which satisfied the Test (Grades 1 and 2) ... 66

" " " " failed to satisfy the Test (Grades 3 and 4) ... 9

In the case of adverse reports, investigations as to the cause of failure were made immediately.

INSPECTION OF MEAT AND OTHER FOODS

Meat inspection work at the Slaughterhouse continued to occupy full-time duty for the Inspectors, working on a rota basis. No complaints of nuisance arising at the premises were received.

The amount of work done is shown in the following table:-

Carcases and Offal inspected and condemned in whole or in part						
	Cattle excluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed and inspected	3,269	268	571	13,285	6,640	Nil
ALL DISEASES EXCEPT TUBERCULOSIS AND CYSTICERCI Whole carcases condemned	-	2	5	4	3	-
Carcases of which some part or organ was condemned	466	23	4	61	185	-
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	14.2	9.3	1.6	0.5	2.8	-
TUBERCULOSIS ONLY Whole carcases condemned	2	4	1	-	1	-
Carcases of which some part or organ was condemned	197	50	-	-	129	-
Percentage of the number inspected affected with tuberculosis	6.1	20.1	0.2	-	2.0	-
CYSTICERCOSIS Carcases of which some part or organ was condemned	4	-	-	-	-	-
Carcases submitted to treatment by refrigeration	4	-	-	-	-	-
Generalised and totally condemned	-	-	-	-	-	-

Total weight of meat (carcases, parts of carcases and offal) condemned during the year - 10 tons, 2 cwts., 3 sts., 8 lbs.

Total weight of foodstuffs, other than meat, condemned - 3 tons, 10 cwts., 7 sts., 8 lbs.

Condemned meat and offal are sold to a large firm of manufacturers of fertilisers and feeding stuffs, in accordance with standard practice. Livers affected by distomatosis ("flukey" livers) are collected by an approved firm for pharmaceutical purposes. All other condemned food is disposed of by the Cleansing Department on the Corporation Tip at Burniston Road.

FACTORIES ACTS, 1937 AND 1948

There are 330 factories on the Register. 349 routine inspections were made during the year to ensure compliance with the Acts. No contraventions were referred to the Council by H.M. Inspector of Factories.

The following is a summary of the work done after service of notices:-

Sanitary accommodation provided	2
Sanitary convenience disconnected from workroom	1
W.C. compartments, etc. cleansed and re-decorated	3
Miscellaneous repairs and improvements done	5

PREVENTION OF DAMAGE BY PESTS ACT, 1949.

The two rodent operators dealt with 302 complaints of infestation received during the year. 2,699 visits were made to dwelling-houses and business premises. In addition, the Corporation Tip and allotments, and the Harbour and Piers were subject to regular inspection and baiting. The sewers in the Borough were again treated twice during the year.

The Public Health Inspectors are responsible for special inspections of premises found to be infested. They generally supervise the work of the rodent operators, taking charge where defective drains or building structures are found. Routine visits to food premises include a survey for rodents and other insect pests.

JOHN PESTER.
Chief Public Health Inspector.

RIPARIAN REPORT

Section I - Staff.

Table A

Name of Officer	Nature of Appointment	Date of Appointment	Qualifications	Any other appointments held
W. G. EVANS	Medical Officer of Health	10.2.54.	M.B. Ch.B. D.P.H.	District Medical Officer of Health N.R.C.C. Divisional School Medical Officer of Health.

Address and telephone number of the Medical Officer of Health) Health Department, King Street, Scarborough. Tel: 1160.

Section II - Amount of shipping entering the District during the year.

Table B

Ships from	Number	Tonnage	Number inspected		Number of ships reported as having or having had during the voyage infectious diseases on board
			By the M.O.H.	By P.H. Inspector	
Foreign Ports	8	1,571	-	43	-
Coastwise	113	4,224	-		-
Total	121	5,795	-	43	-

Section III - Character of shipping and trade during the year.

Table C

Passenger Traffic	Number of passengers INWARDS NIL. " " " OUTWARDS NIL.
Cargo Traffic	Principal IMPORTS Timber. " EXPORTS NIL.
Principal Ports from which ships arrive	FRASERBURGH, LOWESTOFT, BERWICK, GRIMSBY, BANFF.

Section IV - Inland Barge Traffic.

Number and tonnage using the district and places served by the traffic — NIL.

Section V - Water Supply.

(1) Source of supply for (a) the district, and (b) shipping — Town.

(2) Reports of tests for contamination — Satisfactory.

(3) Precautions taken against contamination of hydrants and hospipes — Satisfactory.

(4) Number and sanitary condition of water boats, and powers of control by the Authority — NIL.

Section VI - Public Health (Ships) Regulations, 1952.

(1) List of Infected Areas (Regulation 6).

Arrangements for the preparation and amendment of the list, the form of the list, the persons to whom it is supplied, and the procedure for supplying it to those persons. — Notifications sent weekly to HM Customs and Excise, and the Harbour Master, by post in letter form.

(2) Radio Messages.

(a) Arrangements for sending permission by radio for ships to enter the district (Regulation 13). — NIL.

(b) Arrangements for receiving messages by radio from ships and for acting thereon (Regulation 14 (1) (a) and (2)). — Via Harbour Master.

(3) Notifications otherwise than by Radio (Regulation 14 (1) (b)).

Arrangements for receiving notifications otherwise than by radio and for acting thereon — Via Harbour Master.

(4) Mooring Stations (Regulations 22 to 30).

Situation of stations, and any standing directions issued under these Regulations — Under directions of Harbour Master.

(5) Arrangements for:-

(a) Hospital accommodation for infectious diseases (other than smallpox) - see Section VII) — Provided by Leeds Regional Hospital Board.

(b) Surveillance and follow up of contacts — Medical Officer of Health.

(c) Cleansing and disinfection of ships, persons, clothing and other articles — Health Department.

Section VII - Smallpox.

(1) Name of isolation hospital to which smallpox cases are sent from the district — Castle Hill Smallpox Hospital, Cottingham, Near Hull.

(2) Arrangements for transport of such cases to that hospital by ambulance giving the name of the Authority responsible for the ambulance and the vaccinal state of the ambulance crews	North Riding County Council - Vaccinal state satisfactory.
(3) Names of smallpox consultants available	Dr. C. W. Dixon, 32 Hyde Terrace, Leeds. Dr. J. T. A. George, County Hall, Northallerton.
(4) Facilities for laboratory diagnosis of smallpox	In accordance with Part III "Laboratory Diagnosis of Small-pox" contained in Mem. Port 21 of Ministry of Health.

Section VIII - Venereal Disease.

Information as to the location, days and hours of the available facilities for the diagnosis and treatment of venereal disease among merchant seamen under international arrangements, including in-patient treatment and the steps taken to make these facilities known to seamen	Tuesday of each week, St. Mary's Hospital, Scarborough - Males 2.30 to 3.30 p.m. and 6 to 7 p.m. Notices displayed.

Section IX - Cases of notifiable and other infectious diseases on ships.

Table D

Category	Disease	Number of cases during the year		Number of ships concerned
		Passengers	Crew	
Cases landed from ships from foreign ports	-	-	-	-
Cases which have occurred on ships from foreign ports but have been disposed of before arrival	-	-	-	-
Cases landed from other ships	-	-	-	-

A short account should be given of the measures taken on arrival by ship of:-

(a) Any cases of smallpox, cholera, plague, yellow fever, typhus, or relapsing fever, included in Table D.	There were no such cases.
(b) Any suspected case of any such disease	No suspected cases.

Section X - Observations on the occurrence of malaria in ships.

No cases notified.

Section XI - Measures taken against ships infected with or suspected for plague.

No infected or suspected ships arrived.

Section XII - Measures against rodents in ships from foreign ports.

(1) Procedure for inspection of ships for rats	Two Rodent Operatives employed by the Corporation.
(2) Arrangements for the bacteriological or pathological examination of rodents, with special reference to rodent plague, including the number of rodents sent for examination during the year	Specimens submitted to Public Health Laboratory Service, Hull - NIL rats examined.
(3) Arrangements in the district for de-ratting ships, the methods used, and, if done by a commercial contractor, the name of the contractor	Poisons - Trapping by Local Authority Rodent Operatives.
(4) Progress in the rat-proofing of ships	N I L.

TABLE E

Rodents destroyed during the year in ships from foreign ports

Category	Number
Black rats	NIL
Brown rats	"
Species not known	"
Sent for examination	"
Infected with plague	"

Table F

Deratting Certificates and Deratting Exemption Certificates issued during the year for ships from foreign ports

No. of Deratting Certificates issued				No. of Deratting Exemption Certificates issued	Total Certificates Issued
After fumigation with	After Trapping	After* Poisoning	Total		
HCN Other fumigant (state method)					
1 2	3	4	5	6	7
N I L	-	-	-	-	-

* State poisons used and number of Certificates issued after each poison.

Section XIII - Inspection of ships for nuisances.

Table G

Inspections and Notices

Inspections		Notices served		Result of serving Notices
Nature	No.	Statutory Notices	Other Notices	
Hygiene of Crews spaces	-	-	-	-
Defects	-	-	-	-
Vermin and conditions prejudicial to health	-	-	-	-
TOTALS	-	-	-	-

Section XIV - Public Health (Shell-fish) Regulations, 1934 and 1948.

Information respecting any shell-fish beds or layings within the jurisdiction of the Authority stating whether they are, in the opinion of the Medical Officer of Health, liable to pollution. A report of any action taken, which should state whether any prohibited area has been prescribed, should be included.

No shell-fish layings.

Section XV - Medical Inspection of Aliens (applicable only to ports approved for the landing of aliens).

Not applicable.

Section XVI - Miscellaneous.

Arrangements for the burial on shore of persons who have died on board ship from infectious disease.

By Health Department on behalf of the Scarborough Borough Council.

W.G. EVANS.

Medical Officer of Health,
Scarborough.